IEEE P802.3cw Adopted Objectives

• Support full-duplex operation only
• Preserve the Ethernet frame format utilizing the Ethernet MAC
• Preserve minimum and maximum FrameSize of current Ethernet standard
• Provide appropriate support for OTN

400 Gb/s Ethernet

  • Support a MAC data rate of 400 Gb/s
  • Support a BER of better than or equal to $10^{-13}$ at the MAC/PLS service interface (or the frame loss ratio equivalent) for 400 Gb/s
  • Provide a physical layer specification supporting 400 Gb/s operation on a single wavelength capable of at least 80 km over a DWDM system.